

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

BOX PATENT APPLICATION

The Commissioner of Patents and Trademarks  
P.O. Box 1450, Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith for filing is a new utility patent  
application of: **Ya-Wen CHOU et al.**

Title of Invention: **MICROFLUIDIC PUMP DRIVEN BY THERMOACOUSTIC  
EFFECT**

Enclosed are:

A specification and 12 claims.

Five (5) sheets of formal drawings (Figs. 1-6).

A Combined Declaration and Appointment of Attorney

Claim for Priority and Priority Document


Assignment to: **Industrial Technology Research Institute**

The filing fee has been calculated as shown below:

FOR:	NO. FILED	NO. EXTRA	<u>SMALL</u>		<u>LARGE</u>	
			<u>ENTITY</u>		<u>ENTITY</u>	
			<u>RATE</u>	<u>FEE</u>	<u>RATE</u>	<u>FEE</u>
BASIC FEE			<u>\$385.00</u>		<u>\$770.00</u>	
TOTAL CLAIMS	12 - 20	= 0	\$ 9.		\$18.	
INDEP CLAIMS	1 - 3	= 0	\$ 43.		\$86.	
MULTIPLE DEPENDENT CLAIMS			<u>\$145.</u>		<u>\$290.</u>	
TOTAL					<u>\$770.00</u>	

X The Commissioner is hereby authorized to charge \$810.00 to cover the government filing fee and the assignment recording fee or additional fees associated with this communication, including patent application filing fees and processing fees under 37 CFR 1.16 and 37 CFR 1.17 or credit any overpayment to **Deposit Account No. 501874.**

Date: December 4, 2003

  
Bruce H. Troxell  
Registration No. 26,592

**TROXELL LAW OFFICE PLLC**  
5205 LEESBURG PIKE, SUITE 1404  
FALLS CHURCH, VIRGINIA 22041  
TELEPHONE: (703) 575-2711  
FACSIMILE: (703) 575-2707